

10

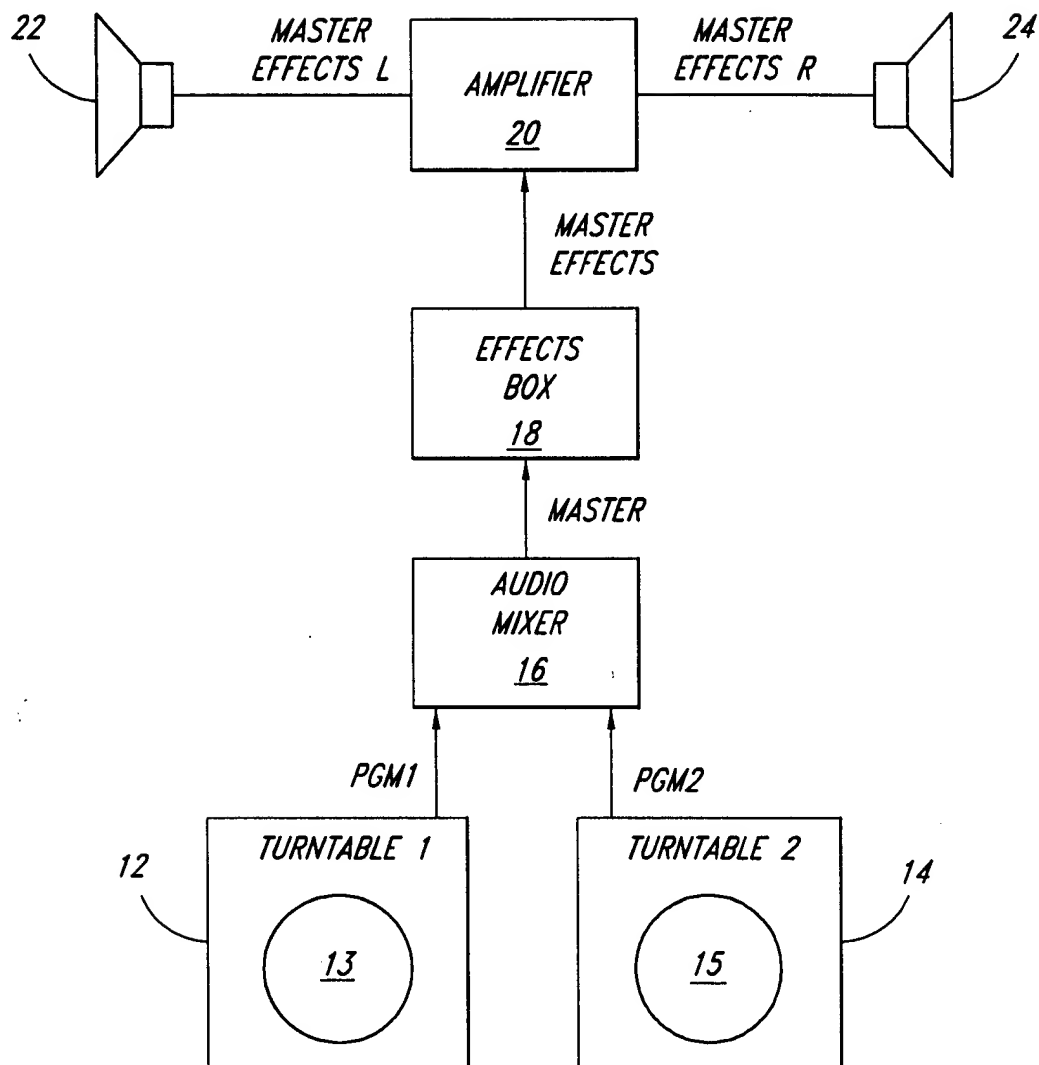
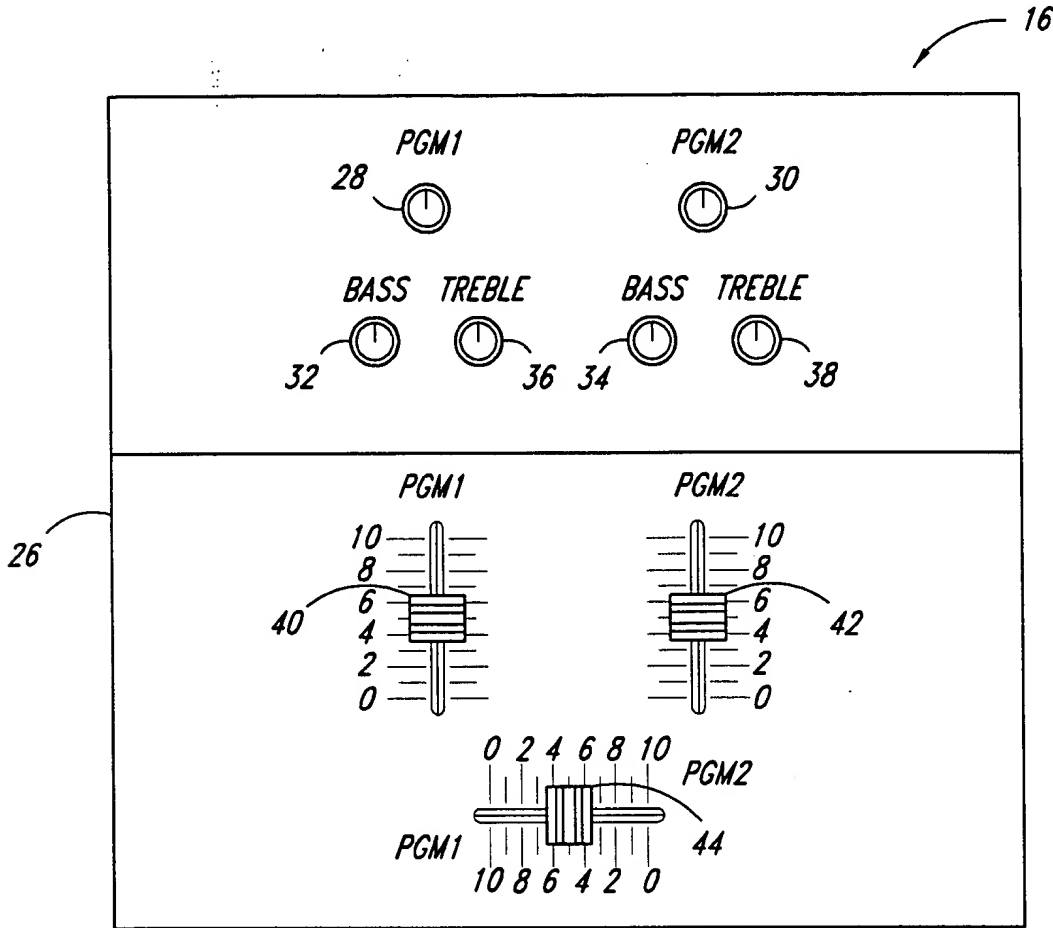
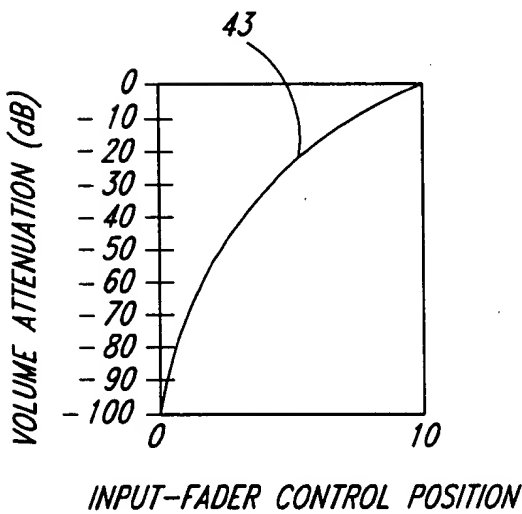


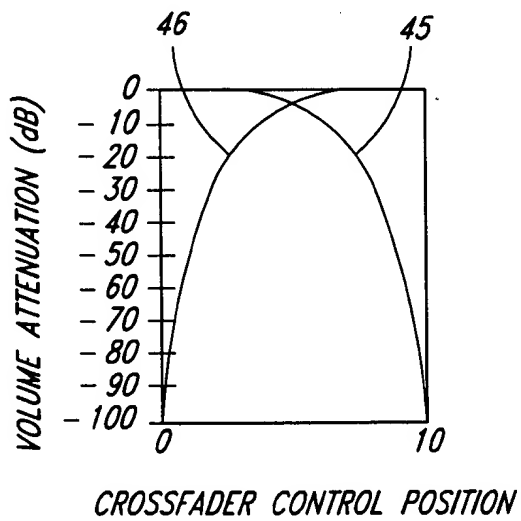
Fig. 1 (PRIOR ART)



*Fig. 2 (PRIOR ART)*



*Fig. 3 (PRIOR ART)*



*Fig. 4 (PRIOR ART)*

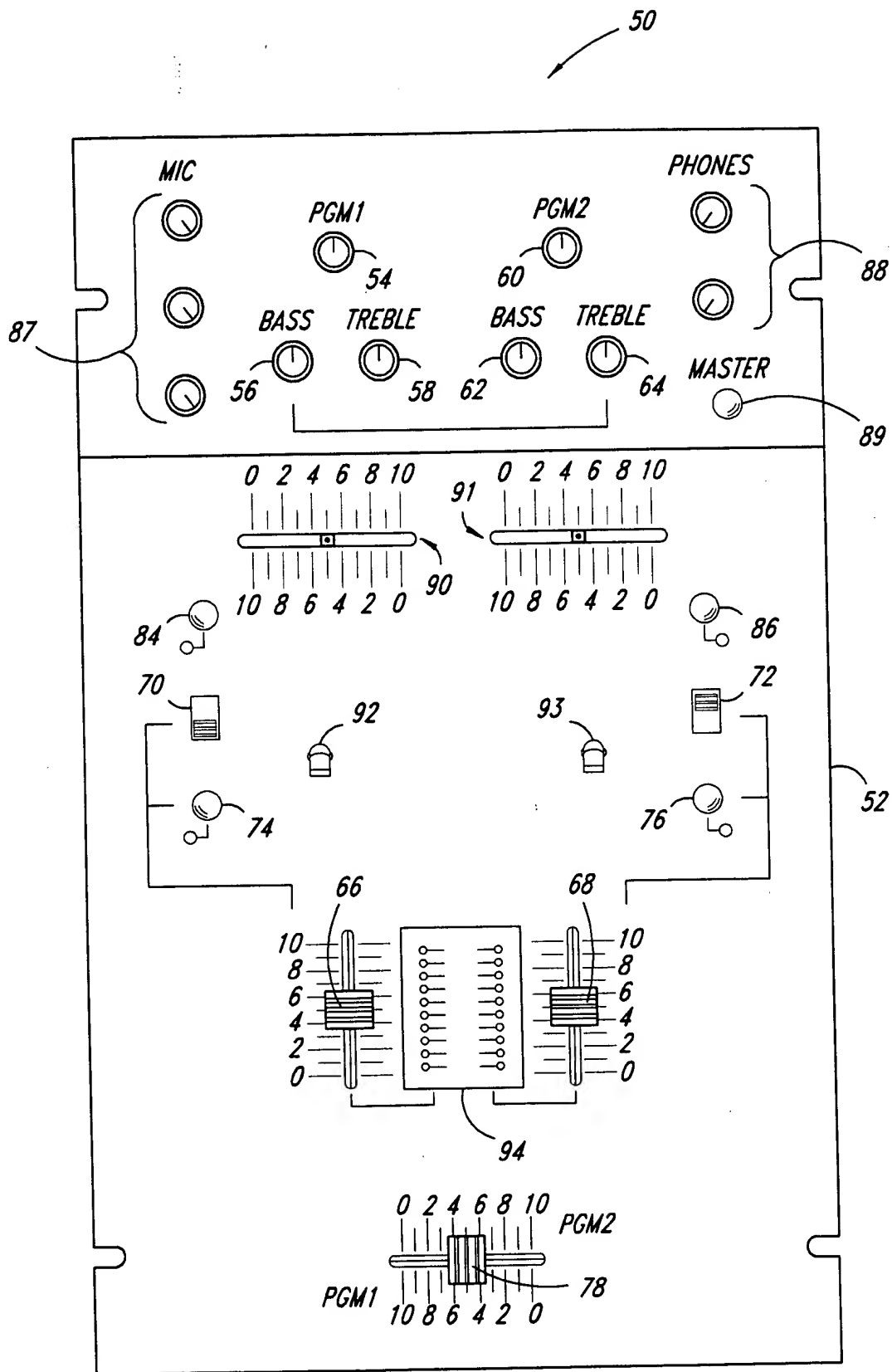


FIG. 5A

50

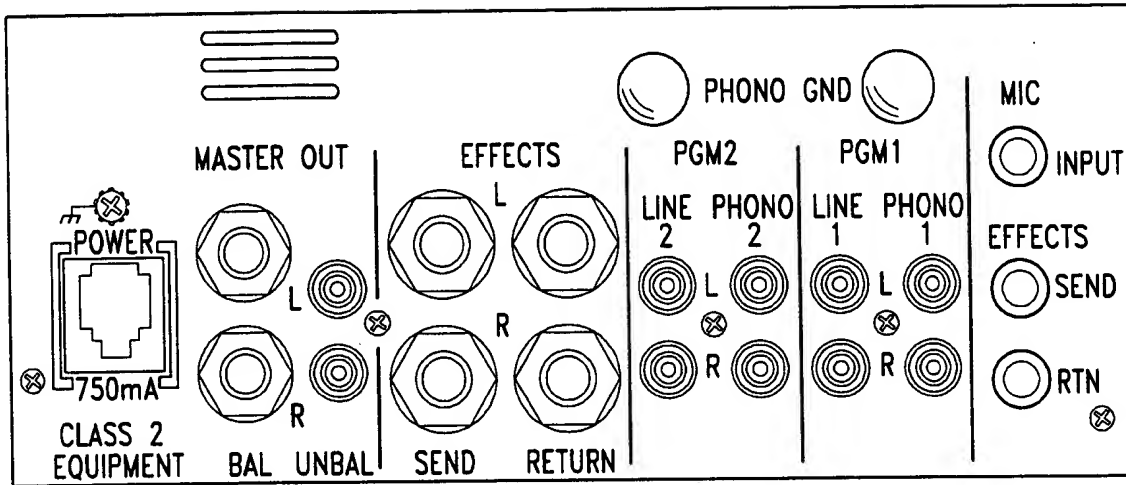


FIG. 5B

50

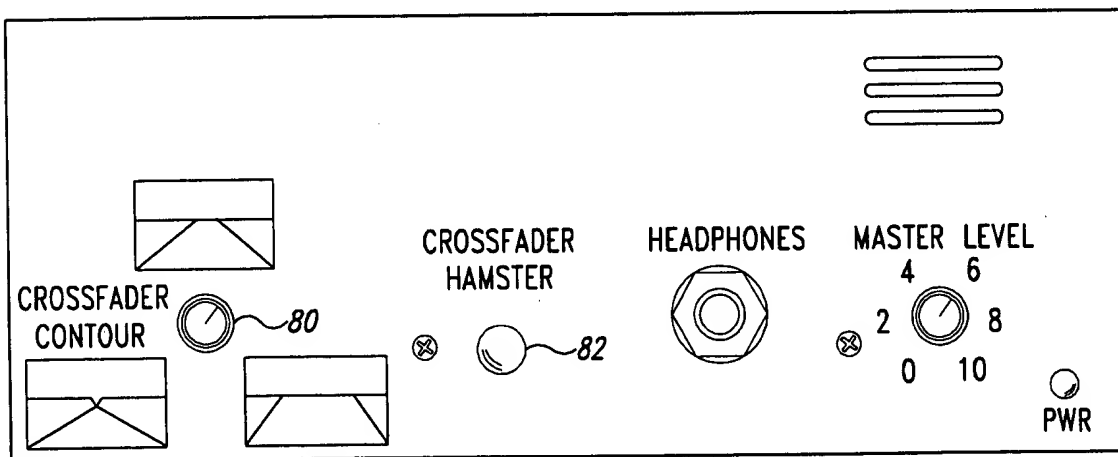
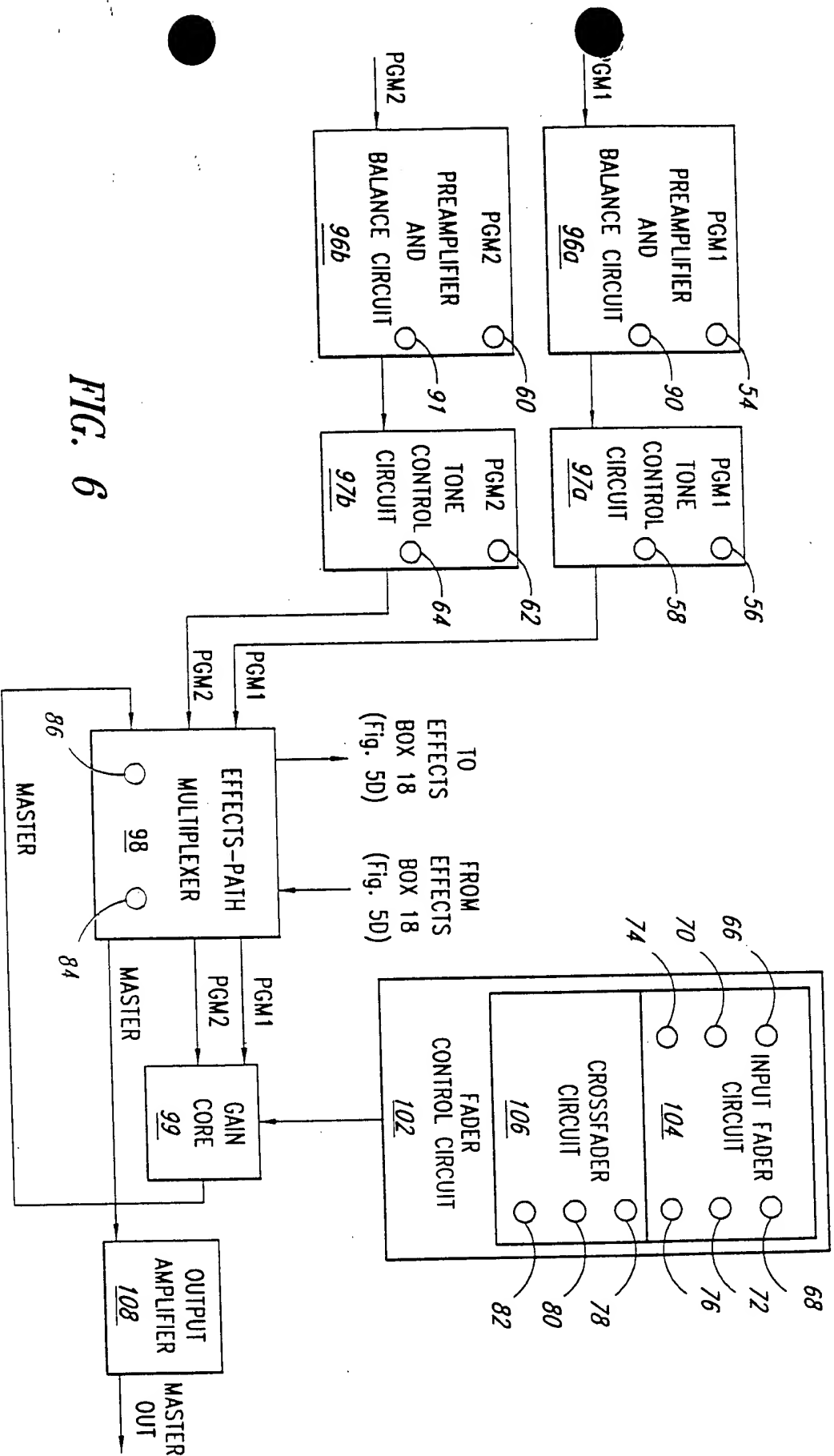


FIG. 5C





00333759-064599

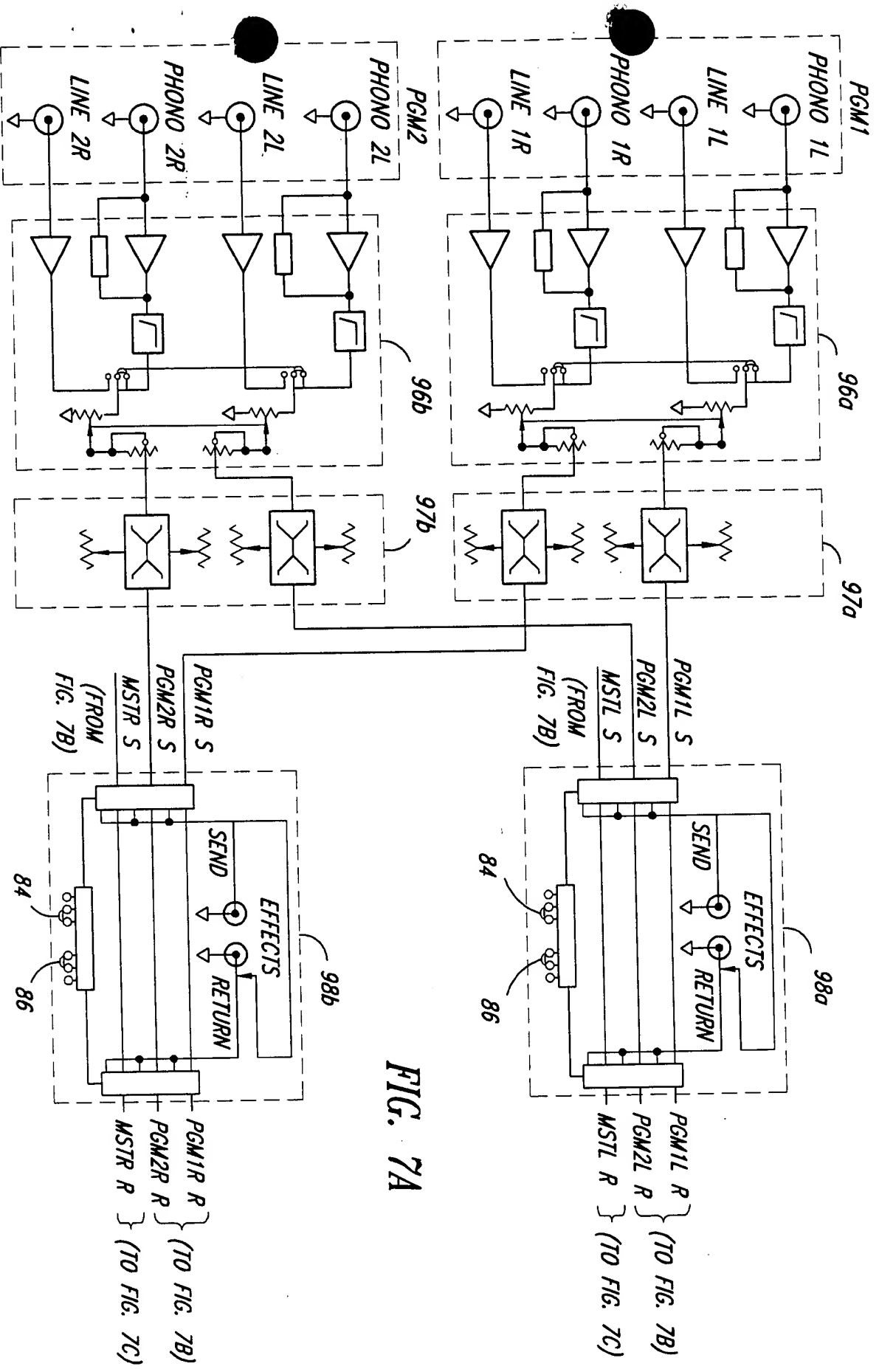
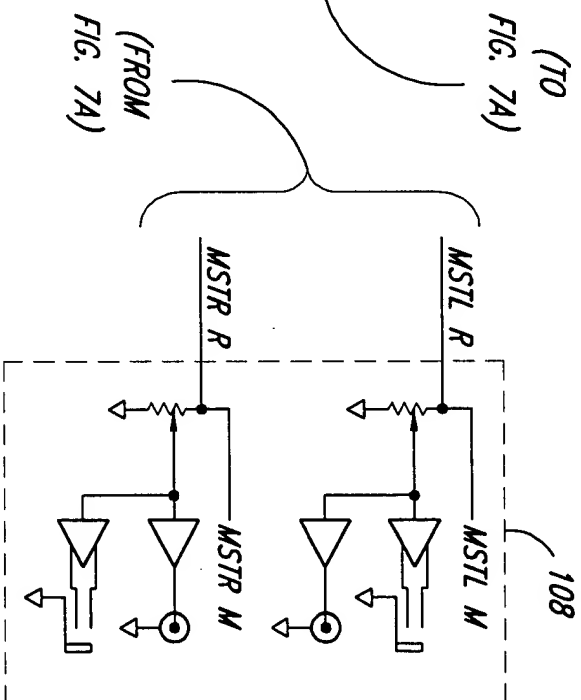
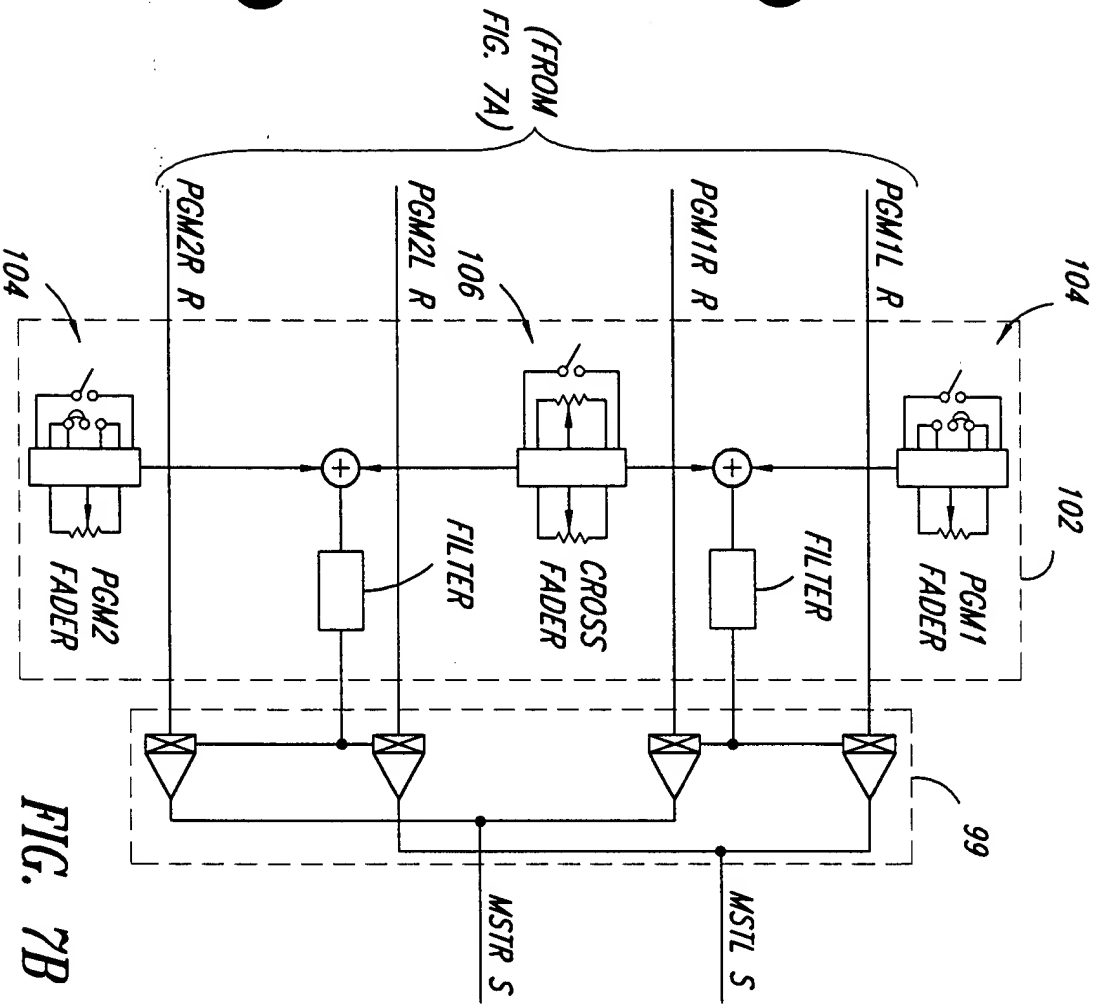


FIG. 7A

0023759 : 004 0000





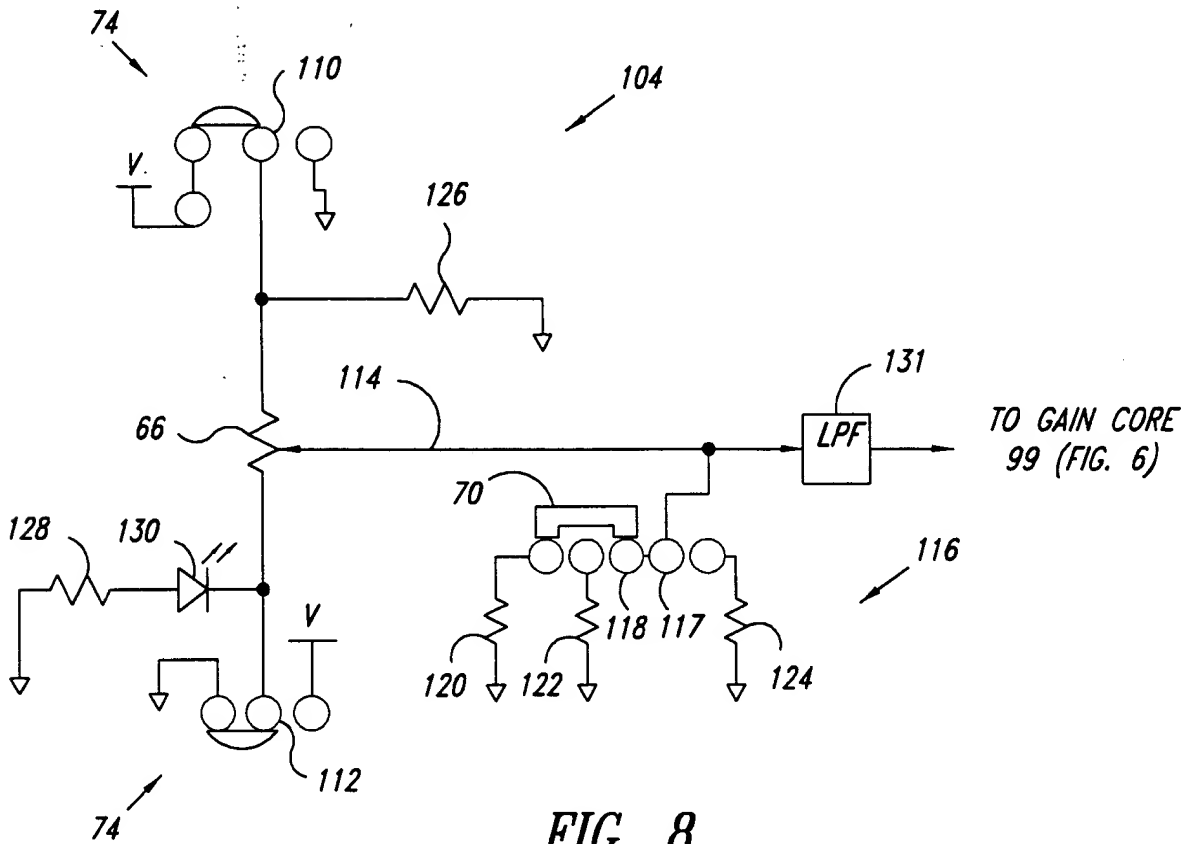


FIG. 8

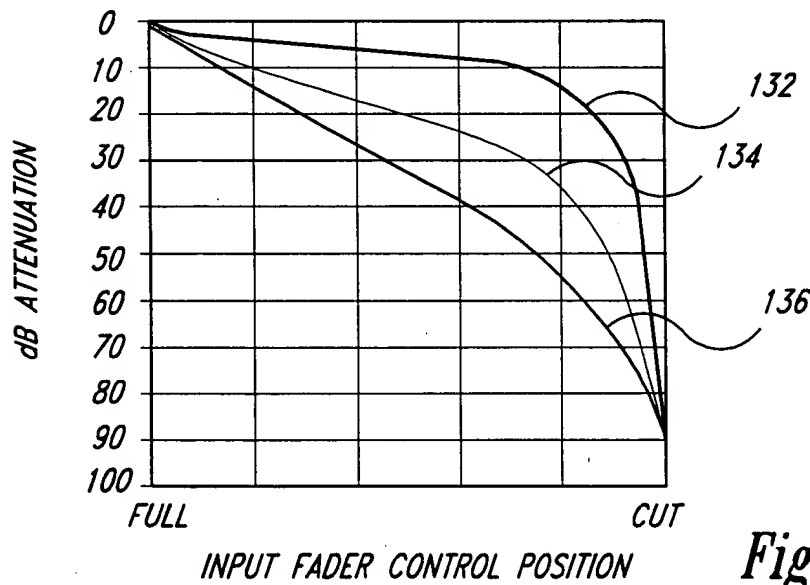


Fig. 9

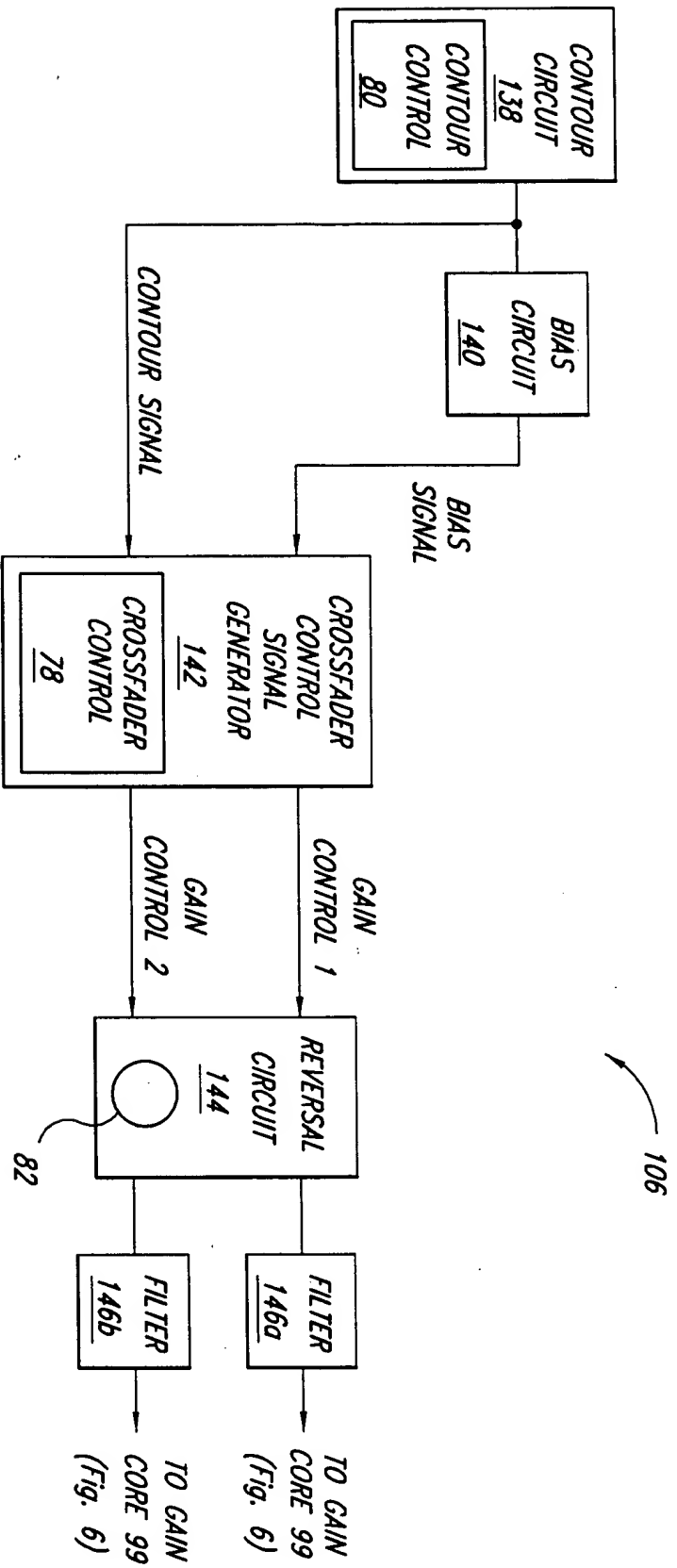


FIG. 10

09333759 061599

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

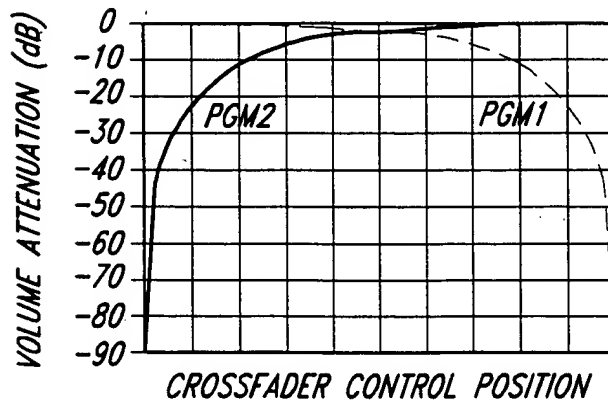


FIG. 11A

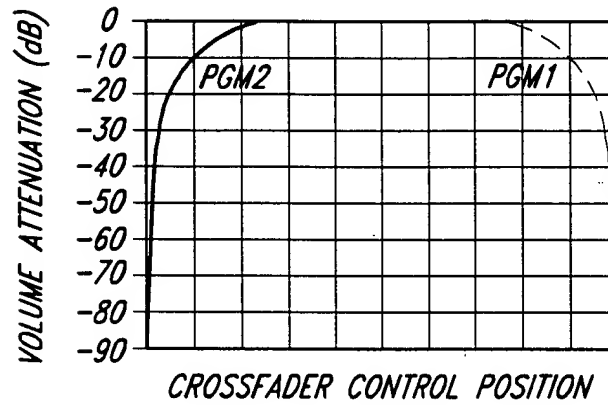


FIG. 11B

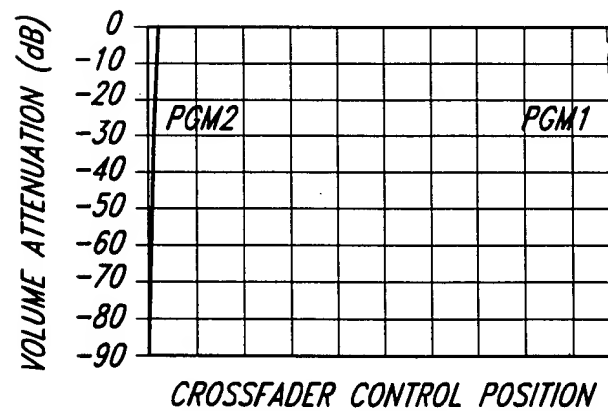


FIG. 11C

00570-03-000

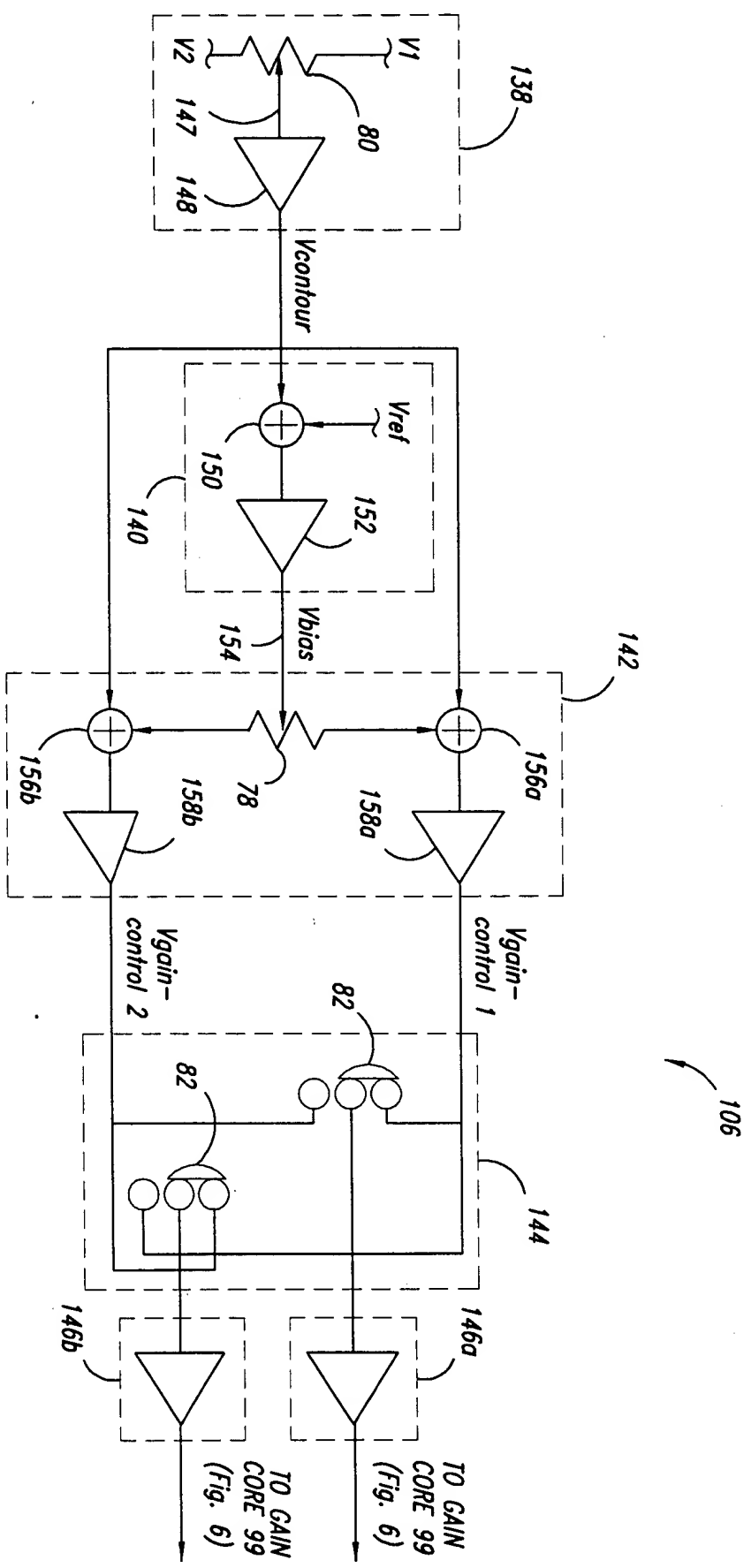


FIG. 12

0933769-064599

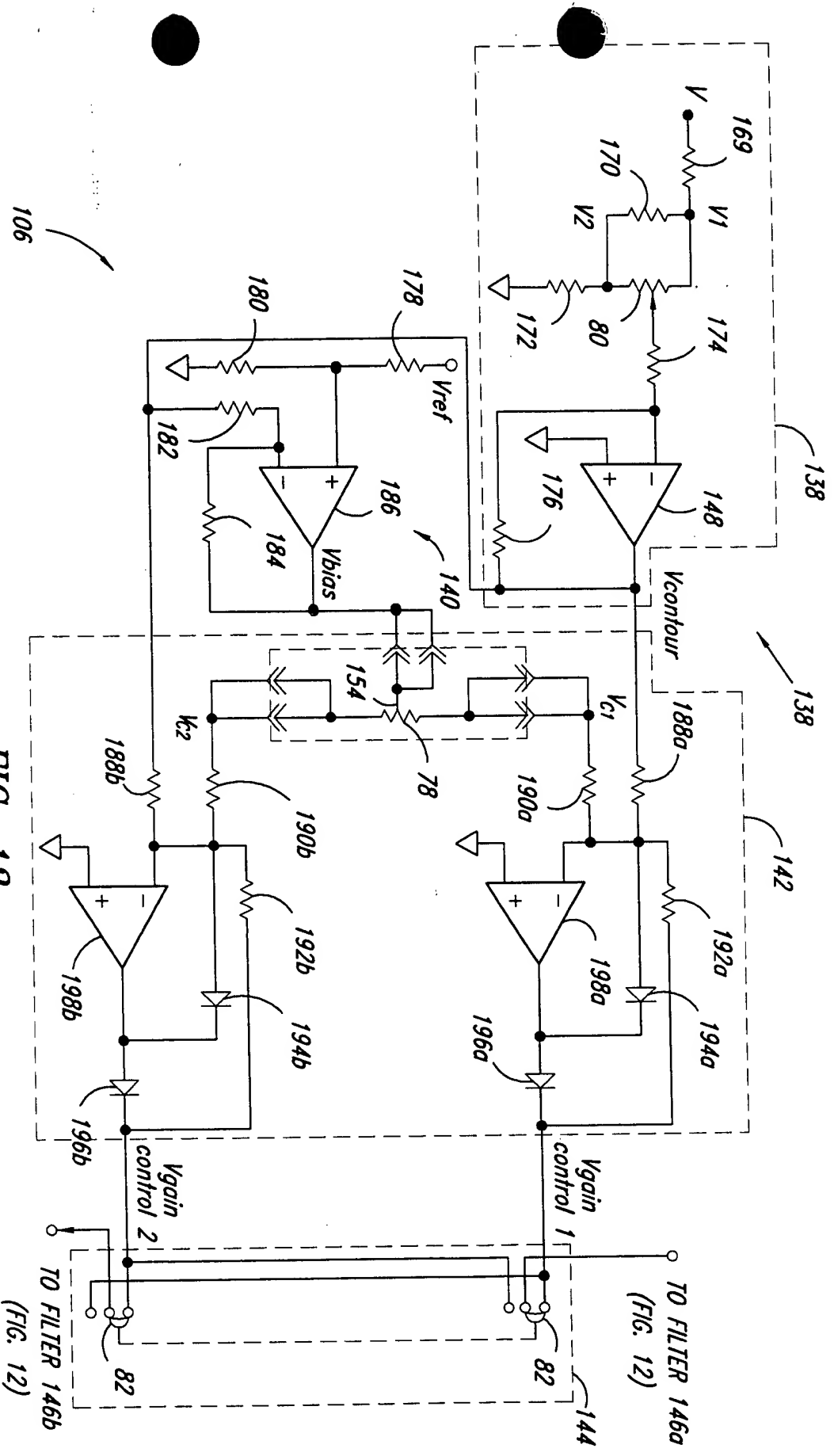
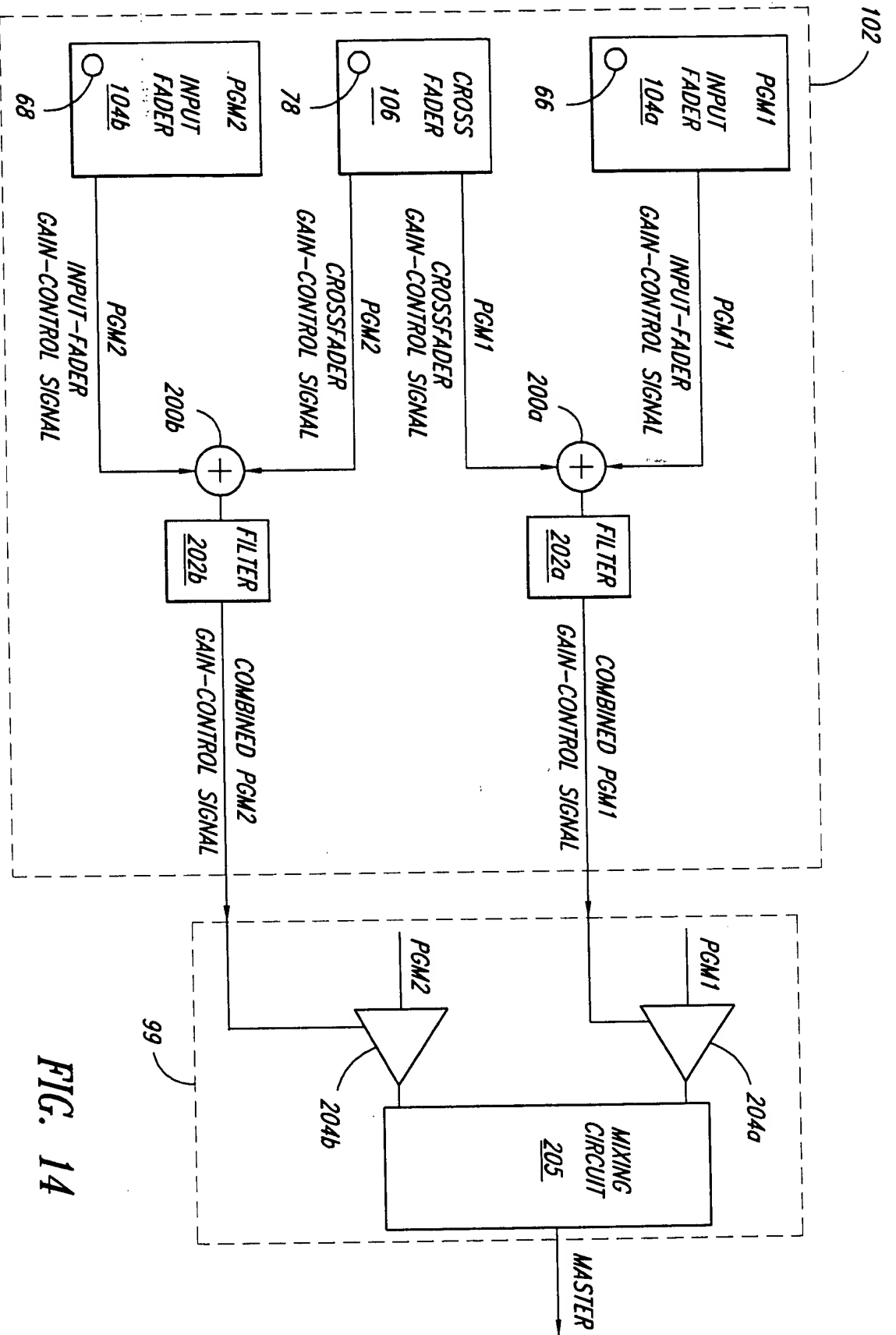


FIG. 13

0033759-061599



09332759-064699



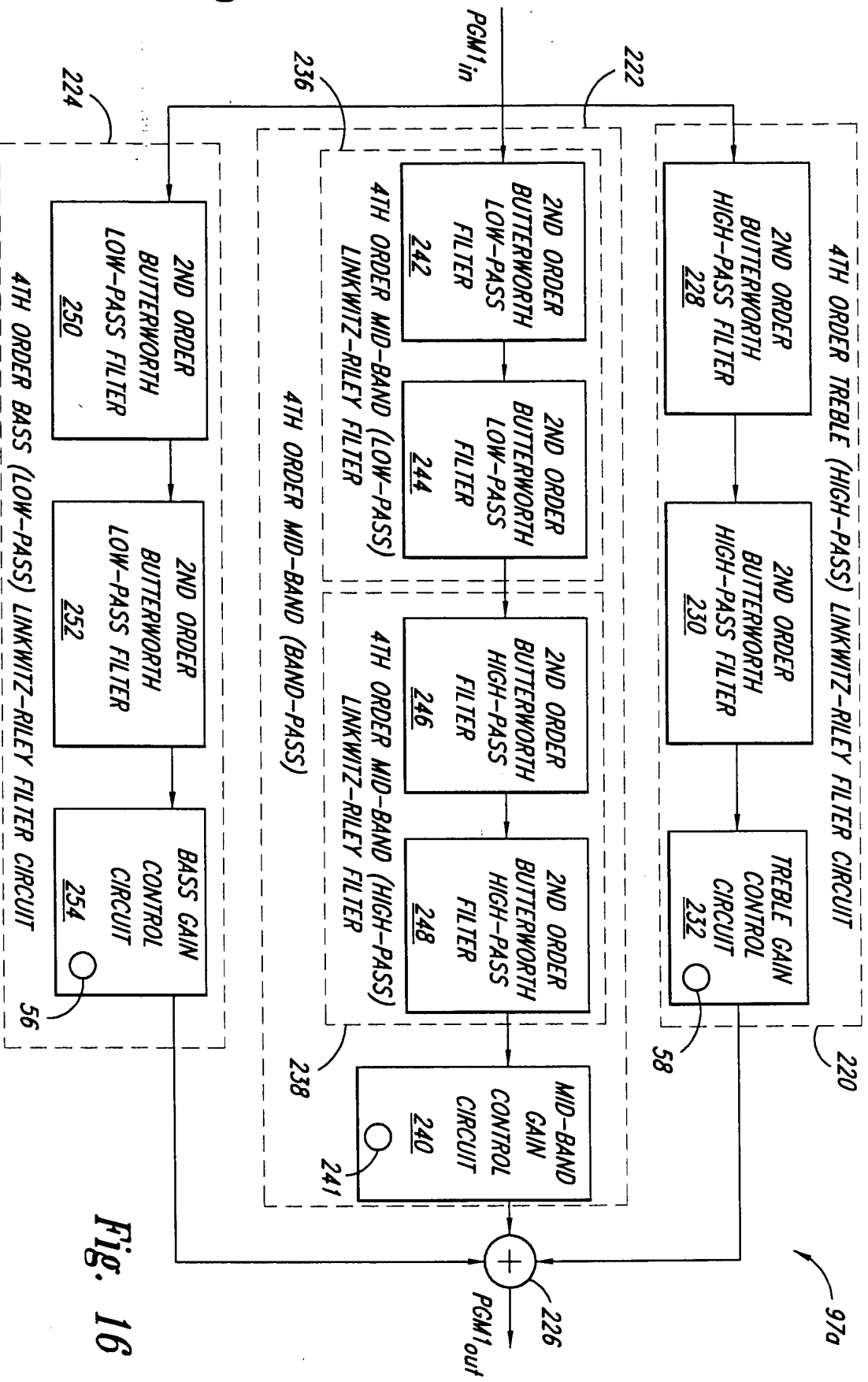


Fig. 16

09333759-061699



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

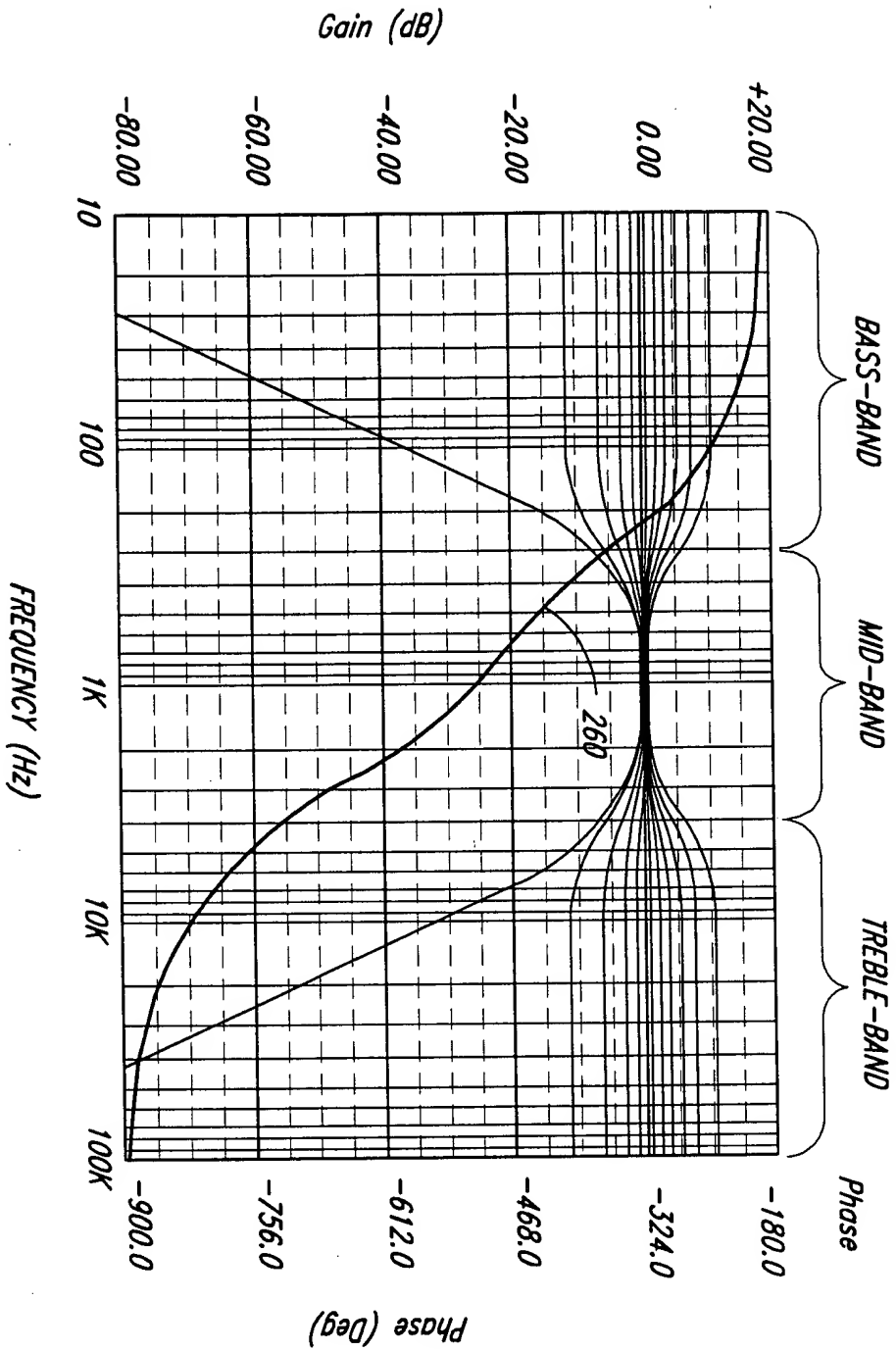


FIG. 17

000000-000000

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

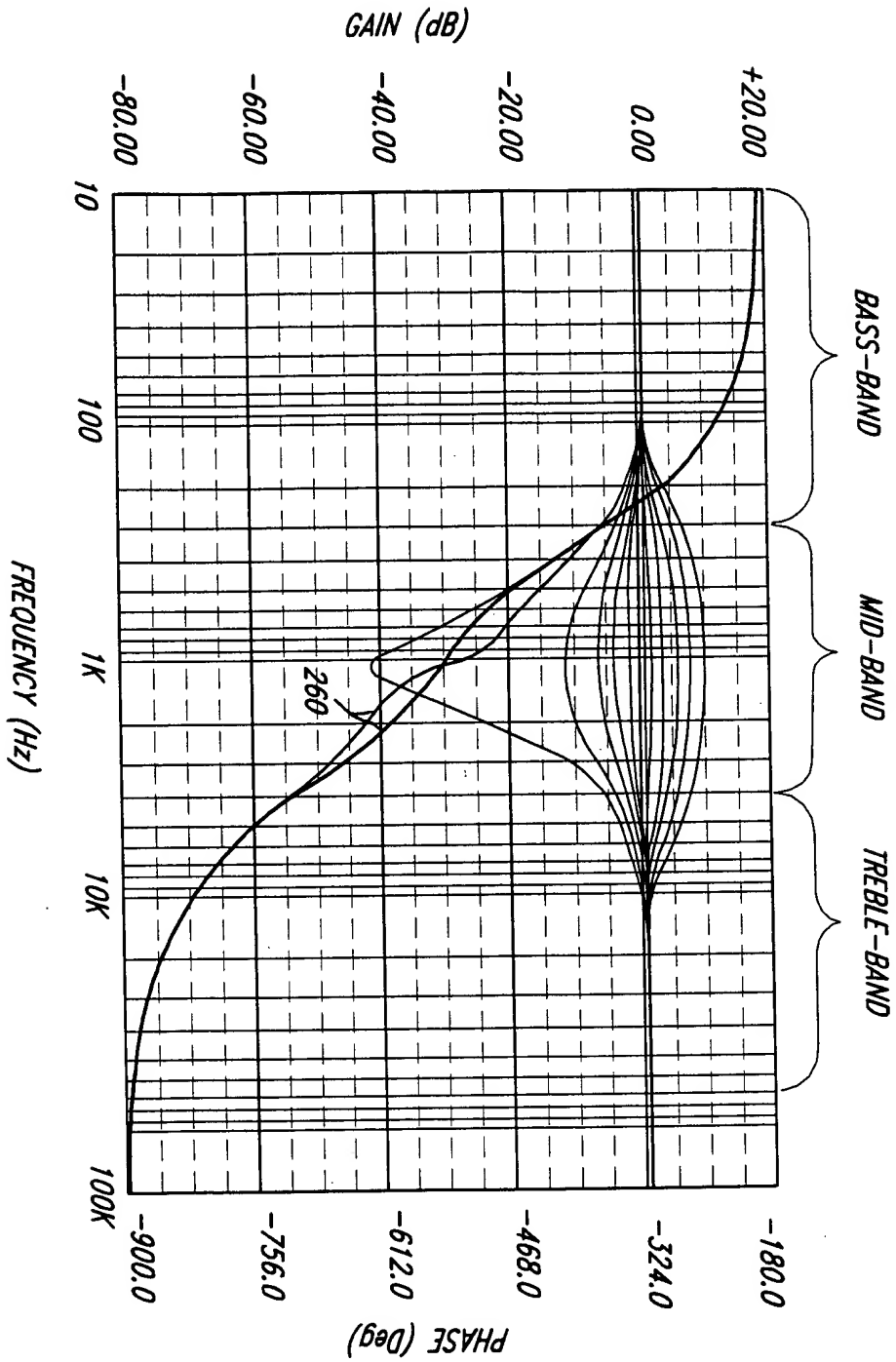
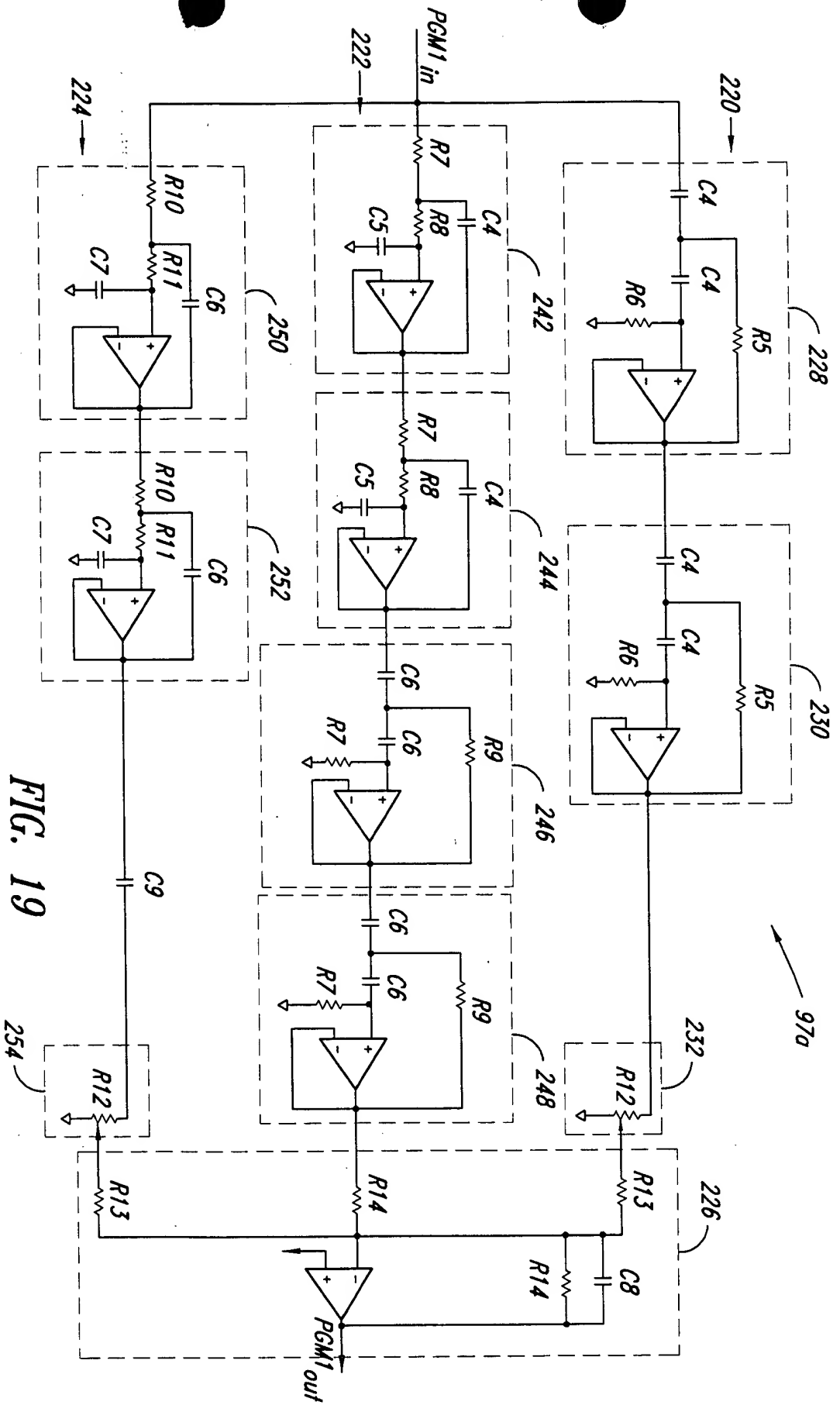


FIG. 18

0033760-064509



0033769-061599

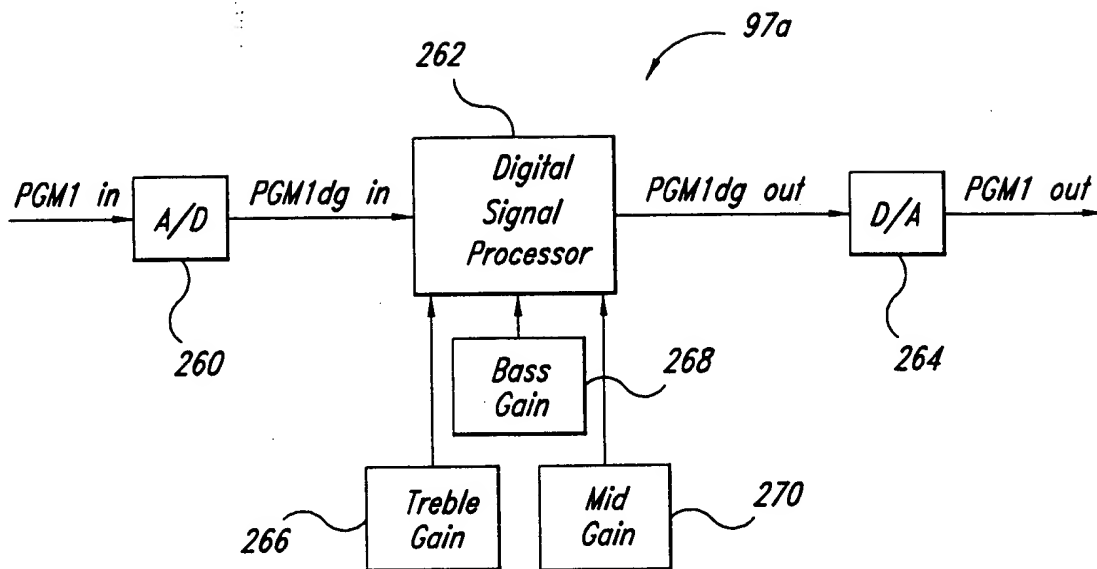


Fig. 20

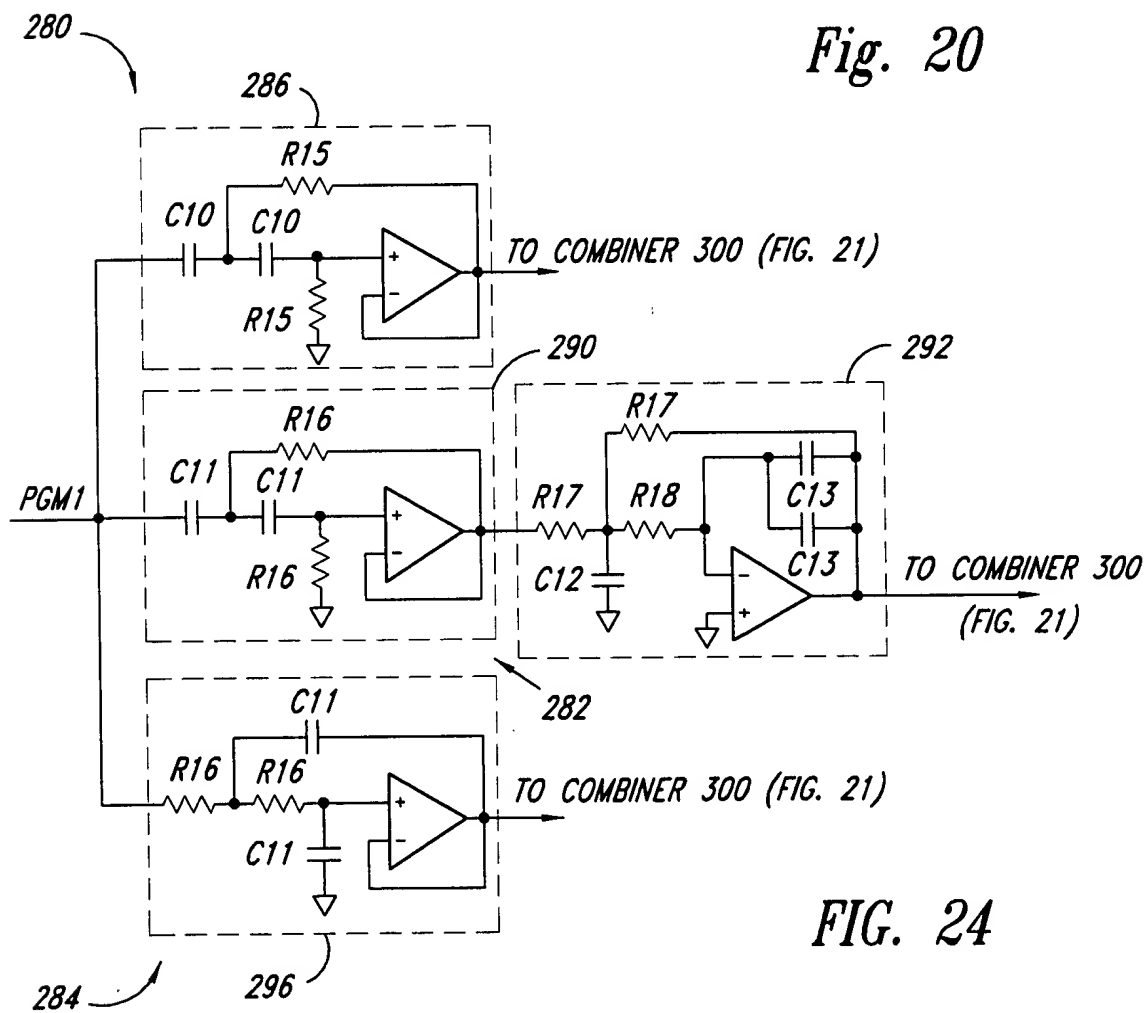


FIG. 24

The diagram illustrates a 2nd order Linkwitz-Riley filter system, labeled 970. The input signal, PGM1 in, is processed through three parallel filter paths:

- Treble Path (280):** Consists of a 2ND ORDER LINKWITZ-RILEY HIGH-PASS FILTER (286) followed by a TREBLE GAIN CONTROL CIRCUIT (288). A control input 58 is connected to the gain control circuit.
- Mid-Band Path (282):** Consists of a 2ND ORDER MID-BAND HIGH-PASS FILTER, a 2ND ORDER MID-BAND LOW-PASS FILTER, and a MID-BAND GAIN CONTROL CIRCUIT (294). A control input 241 is connected to the gain control circuit.
- Bass Path (284):** Consists of a 2ND ORDER LINKWITZ-RILEY LOW-PASS FILTER (296) followed by a BASS GAIN CONTROL CIRCUIT (298). A control input 56 is connected to the gain control circuit.

The outputs of these three paths are combined at a summing junction (+) to produce the final output signal, PGM1 out (300).

APPROVED		O.G. FIG.	
BY		CLASS	
DRAFTSMAN		SUBCLASS	

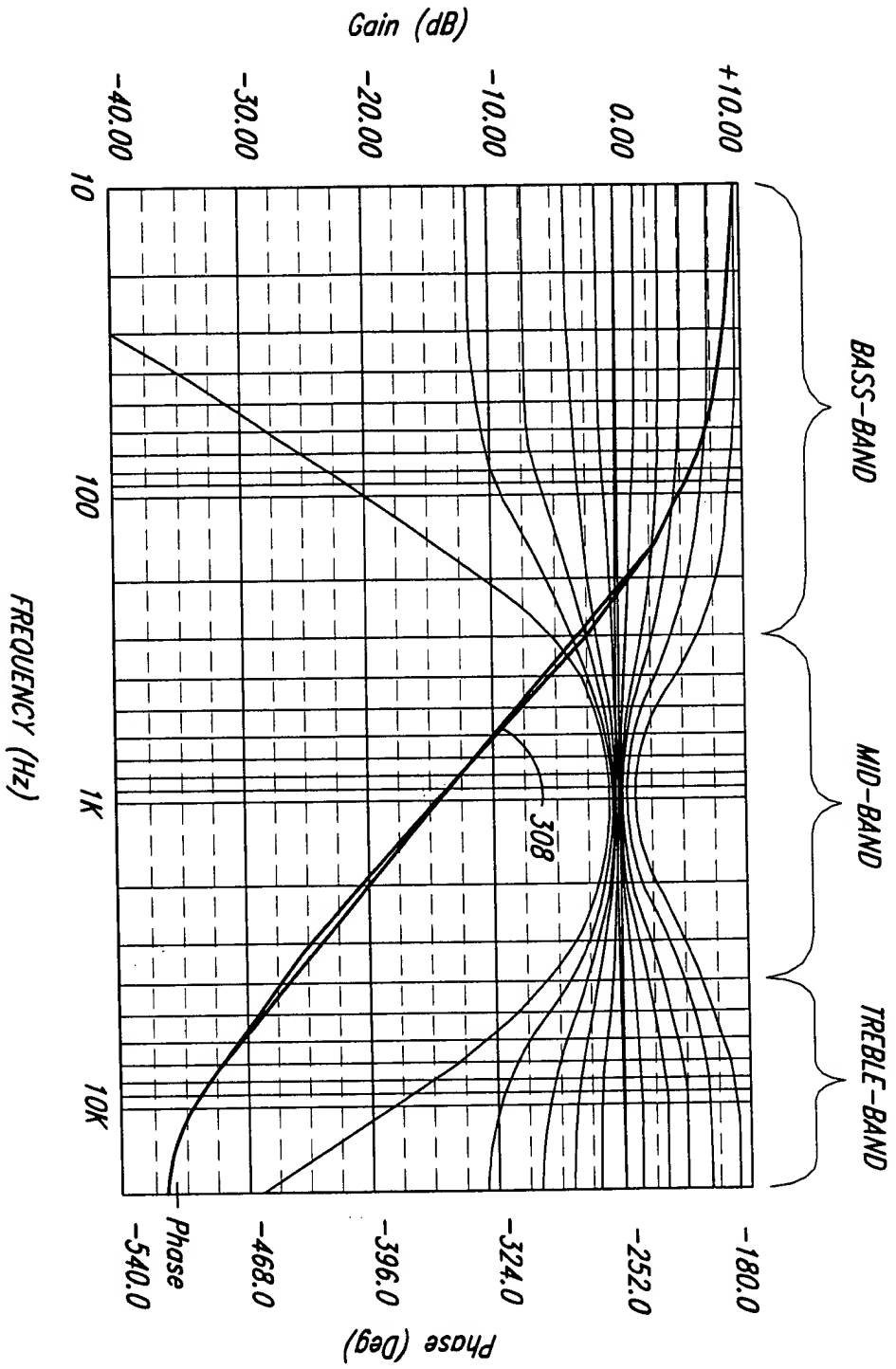


FIG. 22

002339-0541549



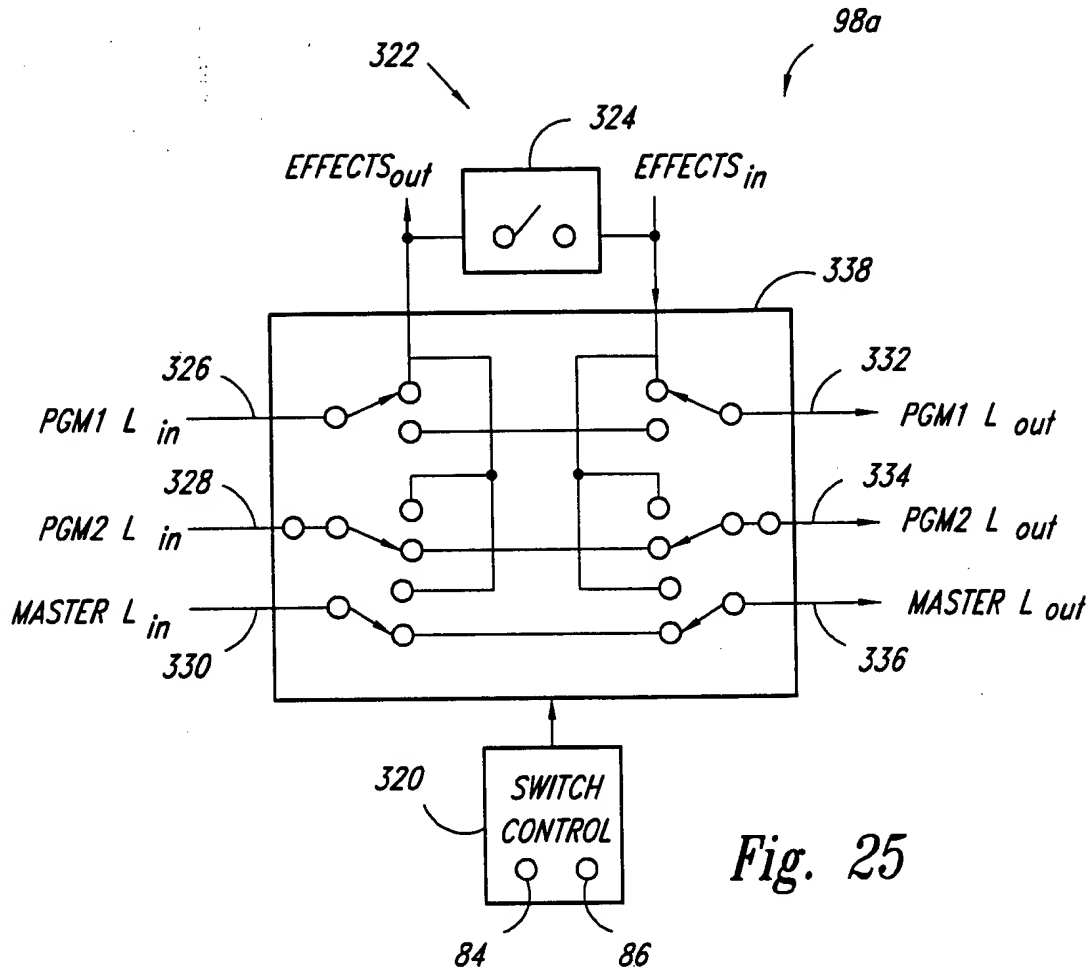


Fig. 25

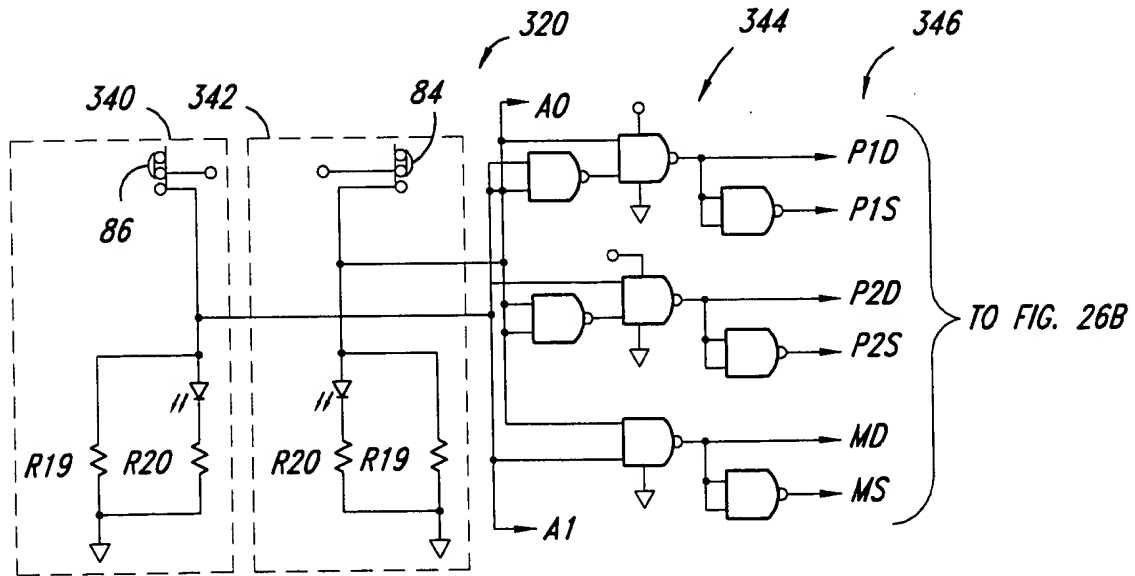


Fig. 26A

98



